

Amendment to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (previously presented) A disk array device, comprising:

a chassis;

a plurality of logic boards, which are detachably mounted on said chassis, and which connect respectively to a plurality of external devices via a plurality of cables;

a rail portion disposed on said chassis parallel to the direction in which said logic boards are arranged;

a plurality of movable cable supporting portions, which are movably disposed on said rail portion in accordance with the number of said logic boards, and which detachably support said cables in said logic boards; and

through-holes disposed in the lower part of said chassis for passing said cables through to the lower part of said chassis, wherein said through-holes allow said cables to move in accordance with the movement of said movable cable supporting portions.

2. (previously presented) The disk array device according to Claim 1, wherein said movable cable supporting portions comprise a plurality of slots that accommodate a plurality of kinds of cables, the external dimensions of which differ respectively.

3. (previously presented) The disk array device according to Claim 1, wherein said movable cable supporting portions comprise a plurality of slots that accommodate a plurality of cables connected to the same logic board respectively.

4. (previously presented) The disk array device according to Claim 1, wherein said movable cable supporting portions comprise an approximately cylindrical main body, a plurality of slots disposed by being circumferentially spaced on the main body, and a mounting portion for movably mounting said main body to said rail portion.

5. (original) The disk array device according to any of Claim 2 through Claim 4 comprising a fixing portion for fixing said cables, which are respectively accommodated in said slots.

6. (canceled)

7. (previously presented) The disk array device according to Claim 1, wherein said through-holes variably adjust an opening area of said through holes in accordance with the amount of movement of said cables.

8. (original) The disk array device according to Claim 1, wherein said rail portion is positioned in the vicinity of the underside of said logic boards, and is

disposed so as not to interfere with the attachment and detachment of other members.

9. (original) The disk array device according to Claim 1, wherein, of said cables, the cables which are connected to the lowermost ends of said logic boards are connected to said logic boards respectively such that a preset, predetermined allowable bending radius can be maintained.

10. (previously presented) A disk array device, comprising:

a chassis;

a door portion, which covers an opening face in said chassis in a freely opening and closing condition;

a plurality of channel adapter boards, which are detachably mounted on the approximately middle portion of said chassis in the vertical direction, and a connecting face with a host device is positioned more on the inner side than at the opening face in said chassis;

a plurality of cables, the one ends of which are connected to said connecting faces of said channel adapter boards, and the other ends of which are connected to said host device;

at least one kind of functional component, which is positioned on the underside of said channel adapter boards, and detachably mounted on said chassis;

a rail portion, which is positioned more on the underside than in the mounting locations of said channel adapter boards so as not to interfere with the attaching and

detaching of said at least one functional component, and which is disposed on said chassis parallel to the direction in which said channel adapter boards are arranged;

a plurality of movable cable supporting portions, which are movably disposed on said rail portion in accordance with the number of said channel adapter boards, and which support said cables in a detachable condition in units of said channel adapter boards; and

through-holes, which are disposed on the lower part of said chassis for allowing said cables supported by said movable cable supporting portions to pass through, and which enable said cables to move in accordance with the movement of said movable cable supporting portions, and

each said movable cable supporting portion comprises:

an approximately cylindrical main body;

a plurality of slots, which are disposed by being circumferentially spaced on the main body, and which are capable of housing either one or a plurality of a plurality of types of cables each having different external dimensions;

a mounting portion for movably mounting said main body on said rail portion in a non-rotatable state; and

a fixing portion for fixing said cables accommodated in said respective slots by being wrapped around the outer side of said main body.

11. (canceled)

12. (previously presented) A disk array device, comprising:

a chassis;

a plurality of logic boards, which are detachably mounted on said chassis, and which connect respectively to a plurality of external devices via a plurality of cables;

a rail portion disposed on said chassis parallel to the direction in which said logic boards are arranged;

a plurality of movable cable supporting portions, which are movably disposed on said rail portion in accordance with the number of said logic boards, and which detachably support said cables in said logic boards, wherein said plurality of movable cable supporting portions comprise a plurality of slots that accommodate a plurality of kinds of cables, the external dimensions of which differ respectively;

through-holes disposed in the lower part of said chassis for passing said cables through to the lower part of said chassis, wherein said through-holes allow said cables to move in accordance with the movement of said movable cable supporting portions; and

a fixing portion for fixing said cables, which are respectively accommodated in said slots.